J. vet. Pharmacol. Therap. **10**, 365–368, 1987.

Author Index

Aghomo, H.O. *see* Oduye, O.O.
Alcalde, A.I. *see* Arruebo, M.P.
Ali, B.H., Silsby, J.L. & El Halawani, M.E. The effect of magnesium aspartate, mylazine and morphine on the immobilization-induced increase in the levels of prolactin in turkey plasma, 119
Allal, C. *see* Ruckebusch, Y.
Ansay, M. *see* Depelchin, B.O.
Anwer, M.S. *see* Court, M.H.
Appell, L.H. *see* Craig, A.M.
Aranas, T. *see* Short, C.R.
Arboix, M. *see* Puigdemont, A.
Arruebo, M.P., Alcalde, A.I. & Murillo, M.D. Mucosal-free ruminal circular smooth muscle response to transmural electrical stimulation, 349

Barto, P.B. *see* Burrows, G.E.
Beadle, R.E. *see* Short, C.R.
Belpaire, F.M., Derick, A., Dello, C., Fraeyman, N. & Bogaert, M.G. α_1-acid glycoprotein and serum binding of drugs in healthy and diseased dogs, 43
Benoit, E. *see* Bogan, J.
Beretta, C., Marchisio, A., Ormas, P., Tanzi, G.B., & Volonte, M. Dipsogenic-like and behavioural effects of bombesin administered intracerebro-ventricularly to sheep, 210
Bevill, R.F. *see* Davis, L.E.
Bloden, S. *see* Depelchin, B.O.
Blyden, G.T. *see* Engelking, L.R.
Blythe, L.L. *see* Craig, A.M.
Bogaert, M.G. *see* Belpaire, F.M.
Bogan, J.A. *see* Kinabo, L.D.B.
Bogan, J.A. *see* Marriner, S.E.
Bogan, J.A. *see* Mohammed-Ali, N.A.K.
Bogan, J., Benoit, E. & Delatour, P. Pharmacokinetics of oxfendazole in goats; a comparison with sheep, 305
Bor, A., *see* Soback, S.
Bowden, H.C., Sharman, D.F. & Stephens, D.B. Effects of anti-inflammatory analgesic drugs and muscarinic receptor blocking agents on appetite in the pig, 269
Braide, V.B. The biochemistry of African trypanosomes and its significance for chemotherapy, 191
Bretzlaff, K.N., Neff-Davis, C.A., Ott, R.S., Koritz, G.D., Gustaffson, B.K. & Davis, L.E. Florfenicol in non-lactating dairy cows: pharmacokinetics, binding to plasma blood neutrophils, 233
Burrows, G.E., Barto, P.B. & Martin, B. Comparative pharmacokinetics of gentamicin, neomycin and oxytetracycline in newborn calves, 54

Clark, M. *see* Court, M.H.
Clarke, C.R. *see* Short, C.R.
Costa, N.D. *see* Punch, P.I.
Coster, R. de, Degryse, A.-D.A.Y., van Dijk, P., Ooms, L.A.A. & Lagerweij, E. Comparison of the effects of etomidate and its fluoro analogue, R 8110, on plasma cortisol, 11β-deoxycortisol, 17α-hydroxyprogesterone and testosterone concentrations in dogs, 227
Court, M.H., Engelking, L.R., Dodman, N.H., Anwer, M.S., Seeler, D.C. & Clark, M. Pharmacokinetics of dantrolene sodium in horses, 218
Craig, A.M., Blythe, L.L., Appell, L.H. & Slizeski, M.L. Evaluation of the potential for interference by dimethyl sulfoxide (DMSO) in drug detection in racing animals, 298
Cullen, L.K. & Reynoldson, J.A. Cardiovascular and respiratory effects of the acaricide amitraz, 134

Dalvi, R.R., Nunn, V.A. & Juskevich, J. Hepatic cytochrome P-450 dependent drug metabolizing activity in rats, rabbits and several food-producing species, 164
Davis, L.E. *see* Bretzlaff, K.N.
Davis, L.E., Neff-Davis, C.A., Koritz, G.D., Bevill, R.F., Sharma, G.C., Langston, V.C. & Munsiff, I.J. Effect of organic vehicles on the pharmacokinetics of aminophylline administered intravenously to goats, 144
Dawson, J., Lees, P. & Sedgwick, A.D. Actions of non-steroidal anti-inflammatory drugs

on equine leucocyte movement *in vitro*, 150
Degryse, A.-D.A.Y. *see* Coster, R. de
Degryse, A.-D., *see* van Dijk, P.
Delatour, P. *see* Bogan, J.
Dello, C. *see* Belpaire, F.M.
Depelchin, B.O., Bloden, S. & Ansay, M. Antipyrene disposition in calves. I. Effects of some drugs, 49
Derick, A. *see* Belpaire, F.M.
Dipietro, J.A. *see* Tranquilli, W.J.
Dodman, N.H. *see* Court, M.H.
Dunlop, C.I. *see* Steffey, E.P.
Duran, S.H. *see* Ravis, W.R.

Edwards, M.E. *see* Punch, P.I.
El Halawani, M.E. *see* Ali, B.H.
Emslie, D.R. *see* Watson, A.D.J.
Engelking, L.R., Blyden, G.T., Lorstedt, J. & Greenblatt, D.J. Pharmacokinetics of antipyrene, acetaminophen and lidocaine in fed and fasted horses, 73
Engelking, L.R. *see* Court, M.H.
Eriksson, L. *see* Kokkonen, U.-M.

Fanneau de la Horie, G.C. *see* Laistre Banting, A. de
Fernandez, J. *see* Puigdemont, A.
Foster, J. *see* Jacobs, D.E.
Fox, M.T. *see* Jacobs, D.E.
Fraeyman, N. *see* Belpaire, F.M.
Frey, H.-H. *see* Scherkl, R.

Garg, R.C., Keefe, T.J. & Vig, M.M. Serum levels and pharmacokinetics of ticarcillin and clavulanic acid in dog following parenteral administration of timentin, 324
Gerrelli, D. *see* Jacobs, D.E.
Gilman, J.M., Davis, L.E., Neff-Davis, C.A., Koritz, G.D. & Baker, J. Plasma concentration of gentamicin after intramuscular or subcutaneous administration to horses, 101
Gowling, G. *see* Jacobs, D.E.
Grandy, J. *see* Steffey, E.P.
Greenblatt, D.J. *see* Engelking, L.R.
Guard, C.L. *see* Shoaf, S.E.
Gustaffson, B.K. *see* Bretzlaff, K.N.

Haenni, K., Jordan, J.-C., Ludwig, B. & Rehm, W.F. Pharmacokinetics of aditoprim, a dihydrofolate reductase inhibitor, in sheep, 169
Hamlin, R.L. & Stalnaker, P.S. Basis for use of digoxin in small birds, 354
Hawkins, C.D. *see* Punch, P.I.
Heath, R.B. *see* Steffey, E.P.
Hennessy, D.R., Lacey, E., Steel, J.W., & Prichard, R.K. The kinetics of triclabendazole disposition in sheep, 64
Hillidge, C.J., Whitlock, T.W. & Lane, T.J. Failure of inhaled disodium cromoglycate aerosol to prevent exercise-induced pulmonary hemorrhage in racing Quarter Horses, 257
Hodgson, D.S. *see* Steffey, E.P.

Intorre, L. *see* Soldani, G.

Jacobs, D.E. Control of *Toxocara canis* in puppies — a comparison of screening techniques and evaluation of a dosing programme, 23
Jacobs, D.E., Fox, M.T., Gowling, G., Foster, J., Pitt, S.R. & Gerrelli, D. Field evaluation of the oxfendazole pulse release bolus for the chemo-prophylaxis of bovine parasitic gastroenteritis: a comparison with three other control strategies, 30
Jordan, J.-C. *see* Haenni, K.
Juskevich, J. *see* Dalvi, R.R.

Keefe, T.J. *see* Garg, R.C.
Kinabo, L.D.B. & Bogan, J.A. Binding of isometamidium to calf thymus DNA and lipids: pharmacological implications, 357
Kokkonen, U.-M. & Eriksson, L. Cardiovascular and allied actions of xylazine and atropine in the unanaesthetized goat, 11
Koritz, G.D. *see* Bretzlaff, K.N.
Koritz, G.D. *see* Davis, L.E.
Kurtz, B. *see* Soback, S.

Lacey, E. *see* Hennessy, D.R.
Lagerweij, E. *see* Coster, R. de
Lagerweij, E. *see* van Dijk, P.
Laistre Banting, A. de, & Fanneau de la Horie, G.C. Subcutaneous and intramuscular injection of oxytetracycline in calves: comparison of serum concentration and local tolerance, 184
Lane, T.W. *see* Hillidge, C.J.
Langston, V.C. *see* Davis, L.E.
Lees, P. *see* Dawson, J.
Livingston, A. *see* Nolan, A.
Lligoña, L.L. *see* Puigdemont, A.
Lloyd, D.H. *see* Odute, O.O.

Lorstedt, J. *see* Engelking, L.R.
Ludwig, B. *see* Haenni, K.

Malbert, M. *see* Ruckebusch, M.
Marchisio, A. *see* Beretta, C.
Marriner, S.E., McKinnon, I. & Bogan, J.A. The pharmacokinetics of invermectin after oral and subcutaneous administration to sheep and horses, 175
Martin, B. *see* Burrows, G.E.
Martin, C.A. *see* Watson, A.D.J.
McKinnon, I. *see* Marriner, S.E.
Mengozzi, G. *see* Soldani, G.
Miettinen, M.V.J. *see* Stenberg, D.
Miller, M.F. *see* Steffey, E.P.
Mohammed-Ali, N.A.K. & Bogan, J.A. The pharmacodynamics of the flukicidal salicylanilides, rafoxanide, closantel and oxyclosanide, 127
de Mora, F. *see* Puigdemont, A.
Munsiff, I.J. *see* Davis, L.E.
Murillo, M.D. *see* Arruebo, M.P.

Neff-Davis, C.A. *see* Bretzlaff, K.N.
Neff-Davis, C.A. *see* Davis, L.E.
Nolan, A., Livingston, A. & Waterman, A. Antinociceptive actions of intravenous $\alpha_2$adrenoceptor agonists in sheep, 202
Nouws, J.F.M. *see* Vree, T.B.
Nunn, V.A. *see* Dalvi, R.R.

Ødegaard, S.A. & Rastad, A. Pharmacokinetics of sulphaphenazole in cattle, 83
Odute, O.O., Lloyd, D.H., Aghomo, H.O. & Thomsett, L.R. Serum antibiotic concentration and bovine skin susceptibility to infection by *Dermatophilus congolensis*, 160
Ooms, L.A.A. *see* Coster, R. de
Ooms, L. *see* van Dijk, P.
Ormas, P. *see* Beretta, C.
Ott, R.S. *see* Bretzlaff, K.N.

Paul, A.J. *see* Tranquilli, W.J.
Pawlusiow, J. *see* Short, C.R.
Paz, R. *see* Soback, S.
Pedersoli, W. M. *see* Ravis, W.R.
Pitt, S.R. *see* Jacobs, D.E.
Prichard, R.K. *see* Hennessy, D.R.
Puigdemont, A., Lligoña, L.L., Arboix, M., de Mora, F. & Fernandez, J. Pharmacokinetics of propafenone in the dog after single-dose intravenous administration, 351
Punch, P.I., Costa, N.D., Edwards, M.E. & Wilcox, G.E. The release of insoluble antibiotics from collagen ocular inserts *in vitro* and their insertion into the conjunctival sac of cattle, 37
Punch, P.I., Hawkins, C.D., Slatter, D.H. & Costa, N.D. The use of plastic rings to determine the dimensions of ocular inserts for insertion into the conjunctival sac of cattle, 85
Pyörälä, S. Effect of some vehicles used in intramammary mastitis preparations of inflammation indicators in milk, 248

Rastad, A. *see* Ødegaard, S.A.
Ravis, W.R., Duran, S.H., Pedersoli, W.M. & Schumacher, J. A pharmacokinetic study of phenobarbital in mature horses after oral dosing, 283
Reynoldson, J.A. *see* Cullen, L.K.
Roger, T. & Ruckebusch, Y. Colonic α_2-adrenoceptor-mediated response in the pony, 310
Roger, T. & Ruckebusch, Y. Pharmacological modulation of postprandial colonic motor activity in the pony, 273
Ruckebusch, M., & Malbert, C.-H. Availability of 5-HTP in duodenal interstitial fluid of sheep and dogs, 254
Ruckebusch, Y. *see* Roger, T.
Ruckebusch, Y. & Allal, C. Depression of reticulo-ruminal motor functions through the stimulation of α_2-adrenoceptors, 1

Salvén, P. *see* Stenberg, D.
Sedgwick, A.D. *see* Dawson, J.
Seeler, D.C. *see* Court, M.H.
Scherkl, R. & Frey, H.-H. Pharmacokinetics of ibuprofen in the dog, 261
Schumacher, J. *see* Ravis, W.R.
Schwark, W.S. *see* Shoaf, S.E.
Seward, R.L. *see* Tranquilli, W.J.
Sharma, G.C. *see* Davis, L.E.
Sharman, D.F. *see* Bowden, H.C.
Sharman, D.F. & Stephens, D.B. Early-weaning and central nervous system pharmacology in piglets, 346
Shoaf, S.E., Schwark, W.S. & Guard, C.L. The effect of age and diet on sulfadiazine/trimethoprim disposition following oral and subcutaneous administration to calves, 331
Short, C.R., Beadle, R.E., Aranas, T., Pawlusiow, J. & Clarke, C.R. Distribution of

cephapirin into a tissue chamber implanted subcutaneously in horses, 241
Silsby, J.L. *see* Ali, B.H.
Slatter, D.H. *see* Punch, P.I.
Slizeski, M.L. *see* Craig, A.M.
Soback, S., Bor, A., Kurtz, B., Paz, R. & Ziv, G. Clavulanate-potentiated amoxycillin: *in vitro* antibacterial activity and oral bioavailability in calves, 105
Soback, S., Kurtz, B. & Ziv, G. Pharmacokinetics of phenoxymethyl penicillin (penicillin V) in calves, 17
Soldani, G., Mengozzi, G. & Intorre, L. Inhibition of gastric acid secretion in dogs by detomidine, 266
Stalnaker, P.S. *see* Hamlin, R.L.
Steel, J.W. *see* Hennessy, D.R.
Steffey, E.P., Hodgson, D.S., Dunlop, C.I., Miller, M.F., Woliner, M.J., Heath, R.B. & Grandy, J. Cardiopulmonary function during 5 hours of constant-dose isoflurane in laterally recumbent, spontaneously breathing horses, 290
Stenberg, D., Salvén, P. & Miettinen, M.V.J. Sedative action of the α_2-agonist medetomidine in cats, 319
Stephen, D.B. *see* Sharman, D.F.
Stephens, D.B. *see* Bowden, H.C.

Tanzi, G.B. *see* Beretta, C.
Thomsett, L.R. *see* Oduye, O.O.
Todd, K.S. *see* Tranquilli, W.J.
Tranquilli, W.J., Paul, A.J., Seward, R.L., Todd, K.S. & Dipietro, J.A. Response to physostigmine administration in collie dogs exhibiting ivermectin toxicosis, 96

Van Dijk, P. *see* Coster, R. de
Van Dijk, P., Degryse, A.-D., Ooms, L. & Lagerweij, E. Clinical, cardiovascular and respiratory effect of R8110 in premedicated dogs, 114
Vig, M.M. *see* Garg, R.C.
Volonte, M. *see* Beretta, C.
Vree, M.L. *see* Vree, T.B.
Vree, T.B., Vree, M.L. & Nouws, J.F.M. Comparative acetylation and hydroxylation of sulfamethoxazole and sulfatroxazole in the snail *Cepaea hortensis*, 172

Waterman, A. *see* Nolan, A.
Watson, A.D.J., Emslie, D.R. & Martin, C.A. Effect of different intervals between dosing and feeding on systemic availability of penicillin V in dogs, 90
Watson, A.D.J., Emslie, D.R. & Martin, I.C.A. Systemic availability of penicillin V from six oral preparations in dogs, 180
Whitlock, T.W. *see* Hillidge, C.J.
Wilcox, G.E. *see* Punch, P.I.
Woliner, M.J. *see* Steffey, E.P.

Ziv, G. *see* Soback, S.